

SKREW CORRECTION APPARATUS

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ABSTRACT OF THE DISCLOSURE

10 A skew correction apparatus for increasing the data transfer capacity and thus improving the system performance, by making it possible to carry out the deskew work even during the data transfer, is disclosed. The skew correction apparatus receives a plurality of serial data in synchronism, and reduces the skew amount constituting a phase shift between the serial data. A  
15 first correction unit (31) detects a skew between the serial data and corrects the skew during the idle time. A second skew correction unit (32) detects a skew between the serial data and corrects the skew during the data transmission.